

AMENDMENTS TO THE SPECIFICATION:

The first full paragraph on page 4 should be changed as follows:

However, the barrel of the conventional compressible pin assembly needs to have better conductivity. To improve conductivity a layer of gold is plated on the barrel. The gold-plating process generally includes the immersion of the barrel in a gold plating liquid. Because the barrel is only opened at its front end, the inner portion of the barrel fails to allow all of the gold plating liquid inside the barrel to easily flow out. This will create a non-uniform electroplated layer at the inner portion of the barrel resulting in a reduction of conductivity and an increased use of the expensive ~~gold~~ gold liquid.

The second full paragraph on page 5 should be changed as follows:

To achieve the above object, the present invention provides a compressible pin assembly, which includes a barrel with a hollow chamber, a contact pin, and an elastic element. The barrel has an open front end, a closed rear end, an aperture passing through the barrel, and a stopper designed to be placed in the aperture to seal it after the plating of the barrel has been completed. The pin body of the contact pin is located within the hollow chamber with one end positioned against one end of an elastic element where the other end of the elastic element is forced against the closed rear end of the hollow chamber of the barrel. The elastic element pushes against the pin body so that the end of the contact ~~element portion~~ pin is flexibly extended out the open front end of the barrel.

The third full paragraph on page 7 should be changed as follows:

In the preferred embodiment, the barrel 10 has an aperture 11 formed through the circumferential wall of the hollow chamber. The present invention provides a stopper 12 inserted into and sealing the aperture 11 after the barrel is in an immersion plating process. The aperture 11 and stopper 12 of the first

embodiment have a T shape (shown in FIGS. 2 and 5). The second embodiment (shown in FIG. 6) includes a cylindrical stopper 12b inserted into aperture 11b. The third embodiment (shown in FIG. 7) includes a semi-conical shaped stopper 12c with an aperture 11c having a beveled wall. The fourth embodiment (shown in FIG. 8) includes an I shaped stopper 12d which is insertable into a crimpable circular aperture 11d with walls corresponding to the I shaped cross section which confirms to the I shape of the stopper when the aperture is crimped about the stopper. The stopper 12, 12b, 12c, or 12d is fixed in the aperture 11, 11b, 11c, or 11d, respectively, by means of a press fit, rivet, ~~screw and tap~~, or crimp arrangement to seal the aperture 11 , 11b, 11c, and 11d after the barrel has been gold plated. The stopper will seal the aperture after the plating process preventing impurities from entering the hollow chamber of the barrel 10.

The first full paragraph on page 8 should be changed as follows:

The contact pin 20 is made of a metallic material. The outer ~~dimensions~~ diameter of the pin body 20b of the contact pin 20 is less than the inner ~~dimensions~~ diameter of the barrel 10, allowing the pin body 20b to move within the hollow chamber of the barrel. The pin body 20b has an outer ~~dimensions~~ diameter, which can pass through an inwardly crimpable lip at the open front end of the barrel 10. The lip in its uncrimped state has an inner ~~dimensions~~ diameter which are greater than the outer ~~dimensions~~ diameter of the pin body 20b thereby allowing the pin body to be inserted into the hollow chamber.

The second full paragraph on page 8 should be changed as follows:

The elastic element 30 is a compression spring arranged within the hollow chamber of the barrel 10 and positioned at a rear of the pin body 20b. The elastic element 30 and the pin body 20b are sequentially placed into the hollow chamber of the barrel 10 from the front end of the barrel 10. Then, the lip of the front end of the barrel 10 is crimped forming a reduced opening 13. This will prevent the

pin body 20b from being removed from inside the hollow chamber. The contact ~~portion~~ end 21 of the contact pin 20 can pass through the reduced opening 13. The elastic element 30 pushes against the pin body 20b so that the contact ~~element~~ end 21 is flexibly extended out the front end of the barrel 10.